

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

1. – 20. (Cancelled)

21. (Currently Amended) A method of enhancing a selected digital video frame, or a portion thereof, included in ~~an original~~ a single layer digital video stream, comprising:

selecting from the ~~original~~ single layer digital video stream, a particular one of the digital video frames for enhancement;

selecting from the ~~original~~ single layer digital video stream, others of the digital video frames associated with the digital video frame to be enhanced; and

enhancing the selected digital video frame based upon information included in the other digital video frames and the particular digital video frame.

22. (Previously Presented) The method as recited in claim 21, further comprising obtaining movement information for the selected digital video frame and the other digital video frames.

23. (Previously Presented) The method as recited in claim 22, further comprising: wherein when only a portion of the selected video frame is to be enhanced then, identifying portions of the associated digital video frames corresponding to the portion to be enhanced; and enhancing the portion based upon information included in the corresponding other digital video frame portions and the portion of the selected video frame.

24. (Currently Amended) The method as recited in claim 23, further comprising: wherein when the enhancement is complete, selecting another of the ~~original~~ single layer digital video stream for enhancement; and continuing the selecting until all of selected digital video frames, or portions thereof, have been enhanced.

25. (Previously Presented) The method as recited in claim 24, wherein when all of the selected digital video frames or portions thereof have been enhanced, then
manipulating selected ones of the enhanced digital video frames or portions.
26. (Previously Presented) The method as recited in claim 25, wherein the manipulating is selected from a group comprising: a contrast enhancement operation, a luminance control operation, a color adjustment operation, a gamma correction operation, an image sharpening operation, a color saturation operation, and a zoom operation.
27. (Original) The method as recited in claim 26, wherein the method is executed by a processor unit included in a digital video disc (DVD) player.
28. (Currently Amended) Computer program product for of enhancing a selected digital video frame, or a portion thereof, included in an original single layer digital video stream, comprising:
computer code for selecting from the original single layer digital video stream, a particular one of the digital video frames for enhancement;
selecting from the original single layer digital video stream, others of the digital video frames associated with the digital video frame to be enhanced;
computer code for enhancing the selected digital video frame based upon information included in the other digital video frames and the particular digital video frame; and
computer readable medium for storing the computer code.
29. (Previously Presented) The computer program product as recited in claim 28, further comprising
obtaining movement information for the selected digital video frame and the other digital video frames.
30. (Previously Presented) The computer program product as recited in claim 29, further comprising:
wherein when only a portion of the selected video frame is to be enhanced then,
computer code for identifying portions of the associated digital video frames corresponding to the portion to be enhanced; and
computer code for enhancing the portion based upon information included in the corresponding other digital video frame portions and the portion of the selected video frame.

31. (Currently Amended) The computer program product as recited in claim 30, wherein when the enhancement is complete, further comprising:

computer code for selecting another frame of the original single layer digital video stream for enhancement; and

computer code for continuing the selecting until all of selected digital video frames have been enhanced.

32. (Previously Presented) The computer program product as recited in claim 31, wherein when all of the selected digital video frames or portions thereof have been enhanced, then

computer code for manipulating selected ones of the enhanced digital video frames or portions.

33. (Previously Presented) The computer program product as recited in claim 32, wherein the manipulating is selected from a group comprising: a contrast enhancement operation, a luminance control operation, a color adjustment operation, a gamma correction operation, an image sharpening operation, a color saturation operation, and a zoom operation.

34. (Previously Presented) The computer program product as recited in claim 33, wherein the computer program product is executed by a processor unit included in a digital video disc (DVD) player.

35. (Currently Amended) An apparatus for enhancing a selected digital video frame, or a portion thereof, included in an original single layer digital video stream, comprising:

means for selecting from the original single layer digital video stream, a particular one of the digital video frames for enhancement;

means for selecting from the original single layer digital video stream, others of the digital video frames associated with the digital video frame to be enhanced; and

means for enhancing the selected digital video frame based upon information included in the other digital video frames and the particular digital video frame.

36. (Previously Presented) An apparatus as recited in claim 35, further comprising

means for obtaining movement information for the selected digital video frame and the other digital video frames.

37. (Previously Presented) The apparatus as recited in claim 36, further comprising:
wherein when only a portion of the selected video frame is to be enhanced then,
identifying portions of the associated digital video frames corresponding to the portion to be enhanced; and
enhancing the portion based upon information included in the corresponding other digital video frame portions and the portion of the selected video frame.
38. (Previously Presented) The apparatus as recited in claim 37, further comprising:
wherein when the enhancement is complete,
means for selecting another of the stream of digital video frames for enhancement; and
means for continuing the selecting until all of selected digital video frames have been enhanced.
39. (Previously Presented) The apparatus as recited in claim 38, wherein when all of the selected digital video frames or portions thereof have been enhanced, then
means for manipulating selected ones of the enhanced digital video frames or portions.
40. (Previously Presented) The apparatus as recited in claim 39, wherein the manipulating is selected from a group comprising: a contrast enhancement operation, a luminance control operation, a color adjustment operation, a gamma correction operation, an image sharpening operation, and a color saturation operation, and a zoom operation.
41. (Previously Presented) The apparatus as recited in claim 39, wherein the apparatus is included in, or associated with, a digital video disc (DVD) player.